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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
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09/194,796

12/01/98

HULME

P

S1022/8152

EXAMINER

WM01/0703

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ART UNIT

PAPER NUMBER

2635

DATE MAILED:

07/03/01

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Office Action Summary

Application No.

09/194,796

Applicant(s)

HULME, PETER JOHN

Examiner

Brian A Zimmerman

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2635

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1 and 23-40 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1 and 23-40 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claims ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are objected to by the Examiner.
- 11) ☐ The proposed drawing correction filed on ____ is: a) ☐ approved b) ☐ disapproved.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Attachment(s)

- 15) ☒ Notice of References Cited (PTO-892)
- 16) ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 17) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 3 1/2.
- 18) ☐ Interview Summary (PTO-413) Paper No(s). ____.
- 19) ☐ Notice of Informal Patent Application (PTO-152)
- 20) ☐ Other: _____.

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

1. Claims 25,32-35 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Regarding claim 25 it is unclear how the "one" second apparatus can be a television and a VCR.

Regarding claim 32, the term "said accessed signals" lacks proper antecedent basis in the claim. Claims 33-35 are rejected for their dependence on claim 32.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1,23-25,28,32,33 are rejected under 35 U.S.C. 102(b) as being clearly anticipated by Tsurumoto (US 4817203).

In an analogous art, Tsurumoto shows a first apparatus 4, which receives signals from a first remote transmitter 8. The first apparatus also includes a memory 23, which

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stores control signals for a plurality of second apparatuses 5,6,7. In response to certain signals from the remote transmitter, the first apparatus transmits a converted control signal to one the second apparatuses.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 26,27 are rejected under 35 U.S.C. 103(a) as being unpatentable over Tsurumoto as applied to claim 1 above, and further in view of Miyagawa (4989081).

In an analogous art, Miyagawa shows a system where a first apparatus is used to control a plurality of second apparatuses, and the plurality of second apparatuses include a sound system 16 and a home automation system 23. This permits the user to control as many systems/subsystems with one controller thus increasing the efficiency of the single remote control. Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to have used the home bus technique taught by Miyagawa in the Tsurumoto system in order to increase the usefulness of the remote control system.

4. Claims 29,30,31 are rejected under 35 U.S.C. 103(a) as being unpatentable over Tsurumoto as applied to claim1 above, and further in view of Mills (6088355).

In an analogous art, Mills shows a cable decoder, which is generally associated with the image receiving circuit. This cable decoder of Mills is programmable. Mills can program the device using a smart card or signals received from the broadcast signal. See col. 11 lines 13-54 and col. 9 lines 9-40. The examiner is aware that there are many methods of programming command data into devices. Here Mills shows two that are used in the art of Television systems. Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to have used the programming technique taught by Mills in the Tsurumoto system in order to provide easy programming of the system.

5. Claims 34-40 are rejected under 35 U.S.C. 103(a) as being unpatentable over Tsurumoto as applied to claims 1 and 32 above, and further in view of Geiger (508534).

In an analogous art, Geiger shows a remote control system with first and second apparatuses, where the first apparatus sends control signals to the second apparatus in response to signals received from a remote controller. Geiger also shows a further remote controller, which can be used to control the first apparatus. This shows that each apparatus can have a dedicated remote controller in addition to the system's "universal" remote controller. Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to have used the multi-"remote controller"


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technique taught by Geiger in the Tsurumoto system in order to allow increased control of the remote control system.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brian A Zimmerman whose telephone number is 703-305-4796. The examiner can normally be reached on Off every other Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mike Horabik can be reached on 703-305-4704. The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9314 for regular communications and 703-872-9314 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-4700.



Brian A Zimmerman
Primary Examiner
Art Unit 2635

BaZ
June 29, 2001